

AN IMPROVEMENT ON AN EXPANSION SCREW

ABSTRACT

5 An expansion screw includes an expansion sleeve, and an
expanding block; the sleeve has elongated gaps extending lengthwise
from a tail end, and engaging portions on an inner side; the expanding
block has a screw hole, and is in the shape of a truncated cone formed
with outer engaging portions for fitting the inner engaging portions of
10 the sleeve; a screw is passed through the sleeve, and screwed into the
smaller end of the expanding block with the block smaller end being
passed into the sleeve tail end; thus, when the screw is further turned, the
block will be made to pass into the sleeve to expand the sleeve; the outer
engaging portions engage respective ones of the inner engaging portions
15 such as to prevent angular displacement of the expanding block relative
to the expansion sleeve, and helping the expanding block move into the
expansion sleeve.

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